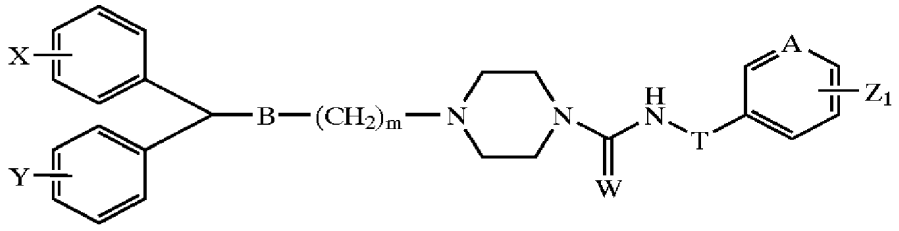
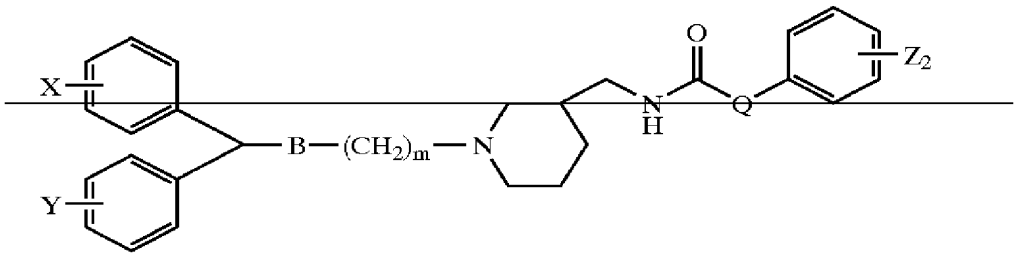
IN THE CLAIMS

1. A compound <u>of Formula **I**</u> having high affinity for a dopamine transporter ~~having a formula selected from the group consisting of:~~

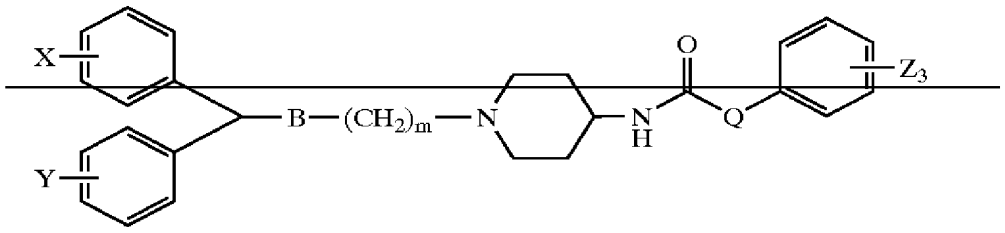
Formula I



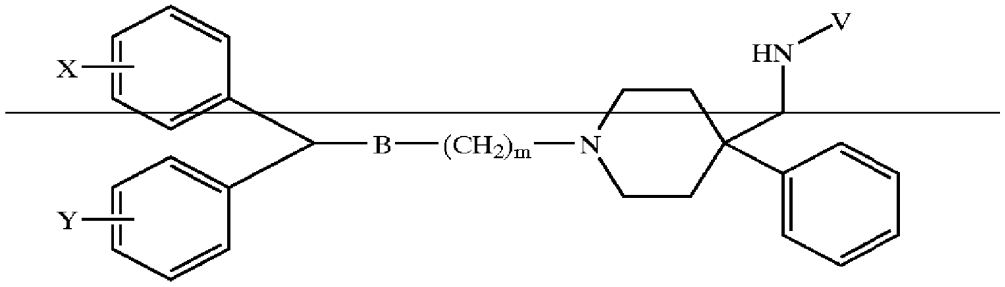
Formula II



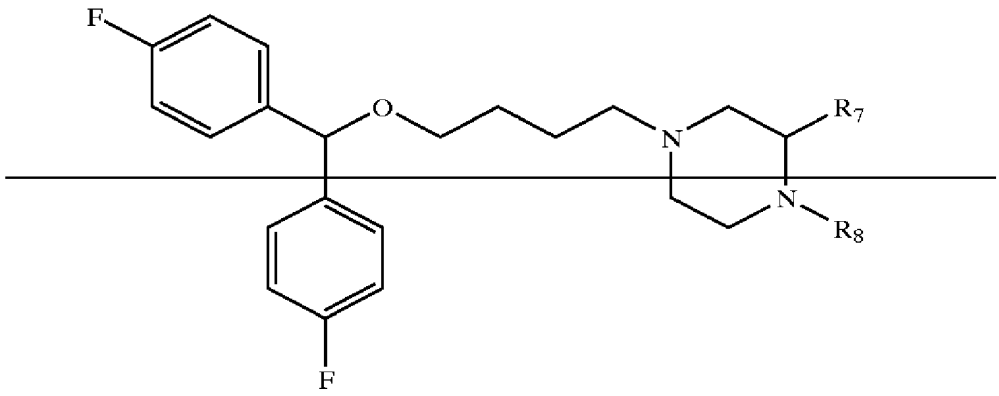
Formula III



Formula IV



Formula V



wherein:

B is -O-, -N(H)-, -C(=O)N(H)-, or -N(H)C(=O)-;

[[n]] m is an integer of 1 to 6; ~~X, Y, Z_1 and Z_2 can be the same or different and are hydrogen, halo, haloalkyl, alkyl, aryl, (C_1-C_6) alkoxy, N-alkyl, (C_2-C_6) acyloxy, N-alkylene, -SH, -SR, wherein R is from the same group as R_1 and R_2 and can be the same or different than R_1 and R_2, amino, nitro, cyano, hydroxy, C(=O)OR_6, C(=O)NR_5R_6, NR_3R_2 or S(=O)$_k$$R_1$ wherein $_k$ is 1 or 2, and R_1 to R_6 are independently hydrogen or (C_1-C_6) alkyl;~~

X is hydrogen, halo, haloalkyl, alkyl, aryl, C_1-C_6 alkoxy, N-alkyl, C_2-C_6 acyloxy, or N-alkylene;

Y is hydrogen, halo, haloalkyl, alkyl, aryl, C_1-C_6 alkoxy, N-alkyl, C_2-C_6 acyloxy, or N-alkylene;

Z_1 is hydrogen, halo, haloalkyl, alkyl, aryl, C_1-C_6 alkoxy, N-alkyl, C_2-C_6 acyloxy, or N-alkylene;

~~R_1 and R_2 can be the same or different and are hydrogen, (C_1-C_6) alkyl, hydroxyalkyl or mercaptoalkyl, C(=O)OR_1, cyano, (C_1-C_6) alkenyl, (C_2-C_6) alkynyl, or 1,2,4oxadiazol-5-yl optionally substituted at the 3-position by Z, wherein any (C_1-C_6) alky, (C_1-C_6) alkanoyl, (C_2-C_6) alkenyl or (C_2-C_6) alkynyl can optionally be substituted by 1, 2 or 3 Z;~~

~~Z_4 is (C_1-C_6) alkyl or phenyl, optionally substituted by 1, 2 or 3 Z_1~~

~~R_7 can be hydrogen, O or phenyl~~

~~R_8 can be hydrogen, phenyl, halophenyl, nitrophenyl, pyridyl, piperonyl or sulfoxonitrophenyl~~

W is O or S;

~~T is amino or C_1-C_6 aminoalkyl~~

A is N or C; and

T is C_1-C_6 alkyl or sulfonyl. ~~and~~

~~V is alkyl (C_0-C_6), alkenyl, alkynyl, haloaryl, alkyl phenol, alkyl halophenyl, and R_1 or R_2 as indicated above and~~

~~ϕ is phenyl, naphthyl, thienyl or pyridinyl.~~

Claims 2-13 **(canceled)**

14. **(new)** The compound of claim 1, wherein X is halo.

15. **(new)** The compound of claim 1, wherein X is *para*-F.

16. **(new)** The compound of claim 1, wherein Y is halo.

17. **(new)** The compound of claim 1, wherein Y is *para*-F.

18. **(new)** The compound of claim 1, wherein B is O.

19. **(new)** The compound of claim 1, wherein m is 4.

20. **(new)** The compound of claim 1, wherein W is O.

21. **(new)** The compound of claim 1, wherein T is C_1-C_6 alkyl.

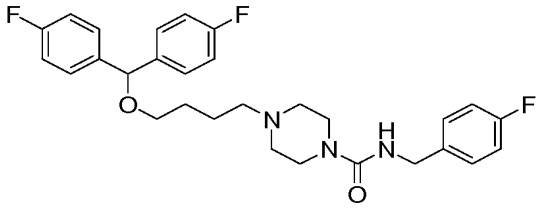
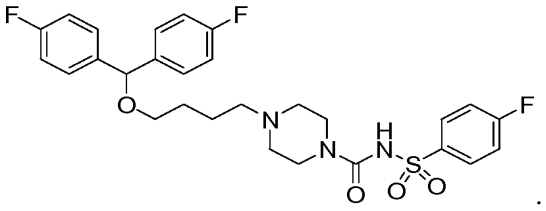
22. **(new)** The compound of claim 1, wherein T is $-CH_2-$.

23. **(new)** The compound of claim 1, wherein T is sulfonyl.

24. **(new)** The compound of claim 1, wherein A is C.

25. **(new)** The compound of claim 1, wherein Z_1 is halo.

26. **(new)** The compound of claim 1, wherein Z_1 is *para*-F.

27. **(new)** The compound of claim 1, wherein the compound is selected from the group consisting of  and  .